RAW SEQUENCE LISTING   DATE: 10/04/2001
PATENT APPLICATION: US/09/936,019   TIME: 14:53:34

Input Set : A:\ES.txt
Output Set: N:\CRF3\10042001\I936019.raw

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   3 <110> APPLICANT: Witcher, Derrick
   4         Rathnachalam, Radhakrishnan
   5         Micanovic, Radmila
   7 <120> TITLE OF INVENTION: Protease Resistant FLINT Analogs    ENTERED
   9 <130> FILE REFERENCE: X-13161
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/936,019
C--> 12 <141> CURRENT FILING DATE: 2001-09-07
  14 <160> NUMBER OF SEQ ID NOS: 8
  16 <170> SOFTWARE: PatentIn Ver. 2.0
  18 <210> SEQ ID NO: 1
  19 <211> LENGTH: 271
  20 <212> TYPE: PRT
  21 <213> ORGANISM: Homo sapiens
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  28 Arg Leu Val Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro
  29              20                  25                  30
  31 Cys Arg Arg Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His
  32          35                  40                  45
  34 Tyr Thr Gln Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val
  35      50                  55                  60
  37 Leu Cys Gly Glu Arg Glu Glu Glu Ala Arg Ala Cys His Ala Thr His
  38  65                  70                  75                  80
  40 Asn Arg Ala Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe
  41              85                  90                  95
  43 Cys Leu Glu His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro
  44              100                 105                 110
  46 Gly Thr Pro Ser Gln Asn Thr Gln Cys Gln Pro Cys Pro Pro Gly Thr
  47          115                 120                 125
  49 Phe Ser Ala Ser Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn
  50      130                 135                 140
  52 Cys Thr Ala Leu Gly Leu Ala Leu Asn Val Pro Gly Ser Ser Ser His
  53 145                 150                 155                 160
  55 Asp Thr Leu Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val
  56              165                 170                 175
  58 Pro Gly Ala Glu Glu Cys Glu Arg Ala Val Ile Asp Phe Val Ala Phe
  59              180                 185                 190
  61 Gln Asp Ile Ser Ile Lys Arg Leu Gln Arg Leu Leu Gln Ala Leu Glu
  62              195                 200                 205
  64 Ala Pro Glu Gly Trp Gly Pro Thr Pro Arg Ala Gly Arg Ala Ala Leu
  65      210                 215                 220
  67 Gln Leu Lys Leu Arg Arg Arg Leu Thr Glu Leu Leu Gly Ala Gln Asp
  68 225                 230                 235                 240
  70 Gly Ala Leu Leu Val Arg Leu Leu Gln Ala Leu Arg Val Ala Arg Met
  71              245                 250                 255
  73 Pro Gly Leu Glu Arg Ser Val Arg Glu Arg Phe Leu Pro Val His
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PATENT APPLICATION: US/09/936,019

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74            260              265 ·            270
77 <210> SEQ ID NO: 2
78 <211> LENGTH: 813
79 <212> TYPE: DNA
80 <213> ORGANISM: Homo sapiens
82 <400> SEQUENCE: 2
83 gtggcagaaa cacccaccta cccctggcgg gacgcagaga caggggagcg gctggtgtgc 60
84 gcccagtgcc ccccaggcac ctttgtgcag cggccgtgcc gccgagacag ccccacgacg 120
85 tgtggcccgt gtccaccgcg ccactacacg cagttctgga actacctgga gcgctgccgc 180
86 tactgcaacg tcctctgcgg ggagcgtgag gaggaggcac gggcttgcca cgccacccac 240
87 aaccgtgcct gccgctgccg caccggcttc ttcgcgcacg ctggtttctg cttggagcac 300
88 gcatcgtgtc cacctggtgc cggcgtgatt gcccccgggca cccccagcca gaacacgcag 360
89 tgccagccgt gccccccagg caccttctca gccagcagct ccagctcaga gcagtgccag 420
90 ccccaccgca actgcacggc cctgggcctg gccctcaatg tgccaggctc ttcctcccat 480
91 gacaccctgt gcaccagctg cactggcttc cccctcagca ccagggtacc aggagctgag 540
92 gagtgtgagc gtgccgtcat cgactttgtg gctttccagg acatctccat caagaggctg 600
93 cagcggctgc tgcaggccct cgaggccccg gagggctggg gtccgacacc aagggcgggc 660
94 cgcgcggcct tgcagctgaa gctgcgtcgg cggctcacgg agctcctggg ggcgcaggac 720
95 ggggcgctgc tggtgcggct gctgcaggcg ctgcgcgtgg ccaggatgcc cgggctggag 780
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98 <210> SEQ ID NO: 3
99 <211> LENGTH: 300
100 <212> TYPE: PRT
101 <213> ORGANISM: Homo sapiens
103 <400> SEQUENCE: 3
104 Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val Leu
105   1               5                  10                  15
107 Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly Val Ala Glu
108              20                  25                  30
110 Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu Arg Leu Val
111              35                  40                  45
113 Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro Cys Arg Arg
114          50                  55                  60
116 Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His Tyr Thr Gln
117  65                  70                  75                  80
119 Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val Leu Cys Gly
120                  85                  90                  95
122 Glu Arg Glu Glu Glu Ala Arg Ala Cys His Ala Thr His Asn Arg Ala
123              100                 105                 110
125 Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe Cys Leu Glu
126          115                 120                 125
128 His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro Gly Thr Pro
129          130  .               135                 140
131 Ser Gln Asn Thr Gln Cys Gln Pro Cys Pro Pro Gly Thr Phe Ser Ala
132 145                 150                 155                 160
134 Ser Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn Cys Thr Ala
135                  165                 170                 175
137 Leu Gly Leu Ala Leu Asn Val Pro Gly Ser Ser Ser His Asp Thr Leu
138              180                 185                 190
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PATENT APPLICATION: US/09/936,019

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Input Set : A:\ES.txt
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140 Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val Pro Gly Ala
141         195             200             205
143 Glu Glu Cys Glu Arg Ala Val Ile Asp Phe Val Ala Phe Gln Asp Ile
144         210             215             220
146 Ser Ile Lys Arg Leu Gln Arg Leu Leu Gln Ala Leu Glu Ala Pro Glu
147 225             230             235             240
149 Gly Trp Gly Pro Thr Pro Arg Ala Gly Arg Ala Ala Leu Gln Leu Lys
150             245             250             255
152 Leu Arg Arg Arg Leu Thr Glu Leu Leu Gly Ala Gln Asp Gly Ala Leu
153         260             265             270
155 Leu Val Arg Leu Leu Gln Ala Leu Arg Val Ala Arg Met Pro Gly Leu
156         275             280             285
158 Glu Arg Ser Val Arg Glu Arg Phe Leu Pro Val His
159     290             295             300
161 <210> SEQ ID NO: 4
162 <211> LENGTH: 29
163 <212> TYPE: PRT
164 <213> ORGANISM: Homo sapiens
166 <400> SEQUENCE: 4
167 Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val Leu
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170 Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly
171             20              25
173 <210> SEQ ID NO: 5
174 <211> LENGTH: 39
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
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W--> 177 <220> FEATURE:
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178 <223> OTHER INFORMATION: Description of Artificial Sequence: oligo primer
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181 gcaccagggt accaggagct gaggagtgtg agcgtgccg                          39
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184 <211> LENGTH: 44
185 <212> TYPE: DNA
186 <213> ORGANISM: Artificial Sequence
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W--> 187 <220> FEATURE:
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189 <223> OTHER INFORMATION: Description of Artificial Sequence: oligo primer
191 <400> SEQUENCE: 6
192 tcagctgcaa ggcggcgcgc cccgcttgtg gtgtcggacc ccag                    44
194 <210> SEQ ID NO: 7
195 <211> LENGTH: 44
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
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W--> 198 <220> FEATURE:
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200 <223> OTHER INFORMATION: Description of Artificial Sequence: oligo primer
202 <400> SEQUENCE: 7
203 ggggtccgac accacaagcg gggcgcgccg ccttgcagct gaag                    44
205 <210> SEQ ID NO: 8
206 <211> LENGTH: 43
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/936,019

DATE: 10/04/2001
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Input Set : A:\ES.txt
Output Set: N:\CRF3\10042001\I936019.raw

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    207 <212> TYPE: DNA
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W--> 209 <220> FEATURE:
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    214 gcacagaatt catcagtgca cagggaggaa gcgctcacgg acg                    43
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VERIFICATION SUMMARY   DATE: 10/04/2001
PATENT APPLICATION: US/09/936,019   TIME: 14:53:35

Input Set : **A:\ES.txt**
Output Set: **N:\CRF3\10042001\I936019.raw**

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:177 M:283 W: Missing Blank Line separator, <220> field identifier
L:187 M:283 W: Missing Blank Line separator, <220> field identifier
L:198 M:283 W: Missing Blank Line separator, <220> field identifier
L:209 M:283 W: Missing Blank Line separator, <220> field identifier